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ABSTRACT

Novel chimeric G-protein coupled receptors are provided as isolated polypeptides, membrane preparations containing such chimeric receptors, nucleic acids encoding such chimeric receptors, and cells expressing such receptors. The chimeric receptors are

5 NPY5 receptors with most or all of either one or both of the third cytoplasmic loop domain or the C-terminal intracellular domain of NPY5 replaced with the corresponding region(s) of another NPY receptor, preferably an NPY1 receptor.